

PHOENIX GOODYEAR AIRPORT-SOUTH SUPERFUND SITE

Groundwater Remediation

Goodyear, Arizona



Project Challenges:

The Phoenix-Goodyear Airport-South Superfund Site is located in Goodyear, Arizona approximately seventeen miles west of Phoenix and encompasses a 4-square mile area. Soil and groundwater beneath the PGA-South Site are impacted with trichloroethylene (TCE) and hexavalent chromium from former manufacturing and industrial operations.

TRC Solutions:

TRC has assisted the PRP with cleanup activities at the PGA-South Superfund Site since October 2007. Activities conducted by TRC at the site include:

- Completion of a vapor intrusion study to evaluate residual TCE in soil
- Completion of a feasibility study to evaluate innovative technologies for in-situ treatment of TCE and chromium
- Completion of a metal sampling investigation and ecological risk assessment to evaluate residual soil and groundwater impacts and risk from a former chromium sludge drying bed
- Ongoing operation and maintenance of the two groundwater extraction and treatment systems
- Ongoing quarterly monitoring and sampling of over 70 monitoring wells
- Rehabilitation of extraction and injection wells
- Hydrogeological testing of on-site production wells
- Ongoing project and site management as well as quarterly regulatory meetings with the PRP, USEPA Region 9, Arizona Department of Environmental Quality and the local community action group

